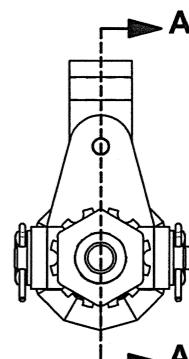
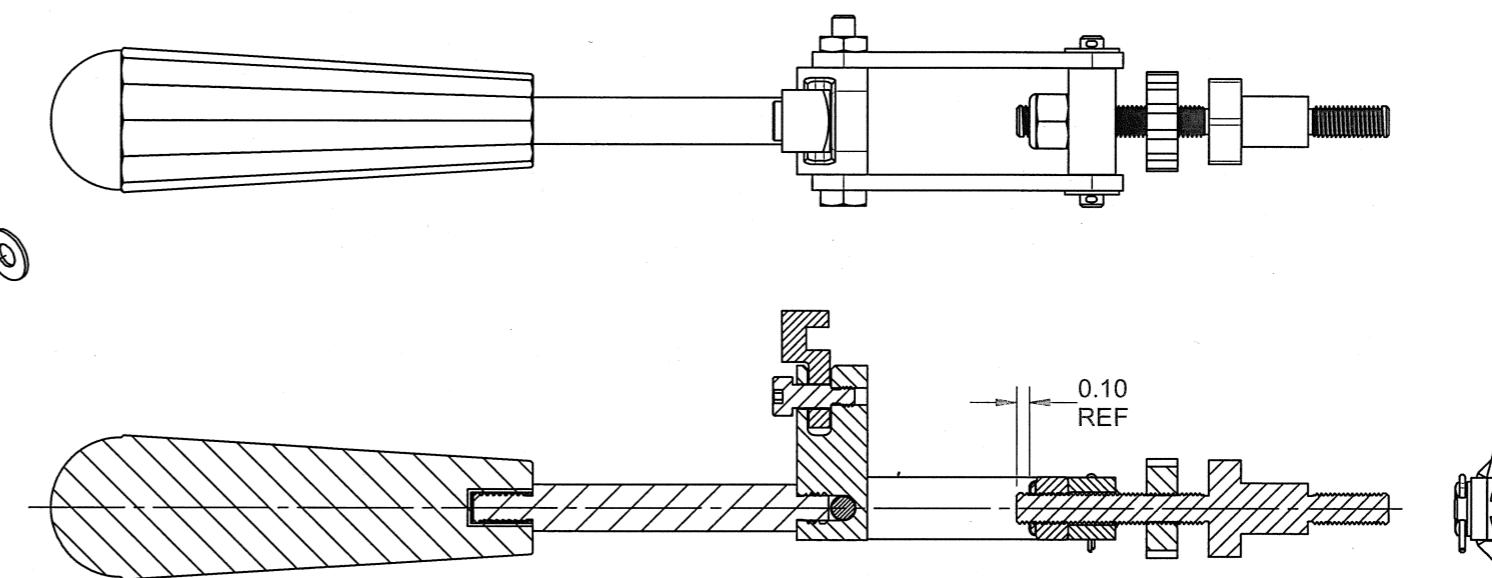
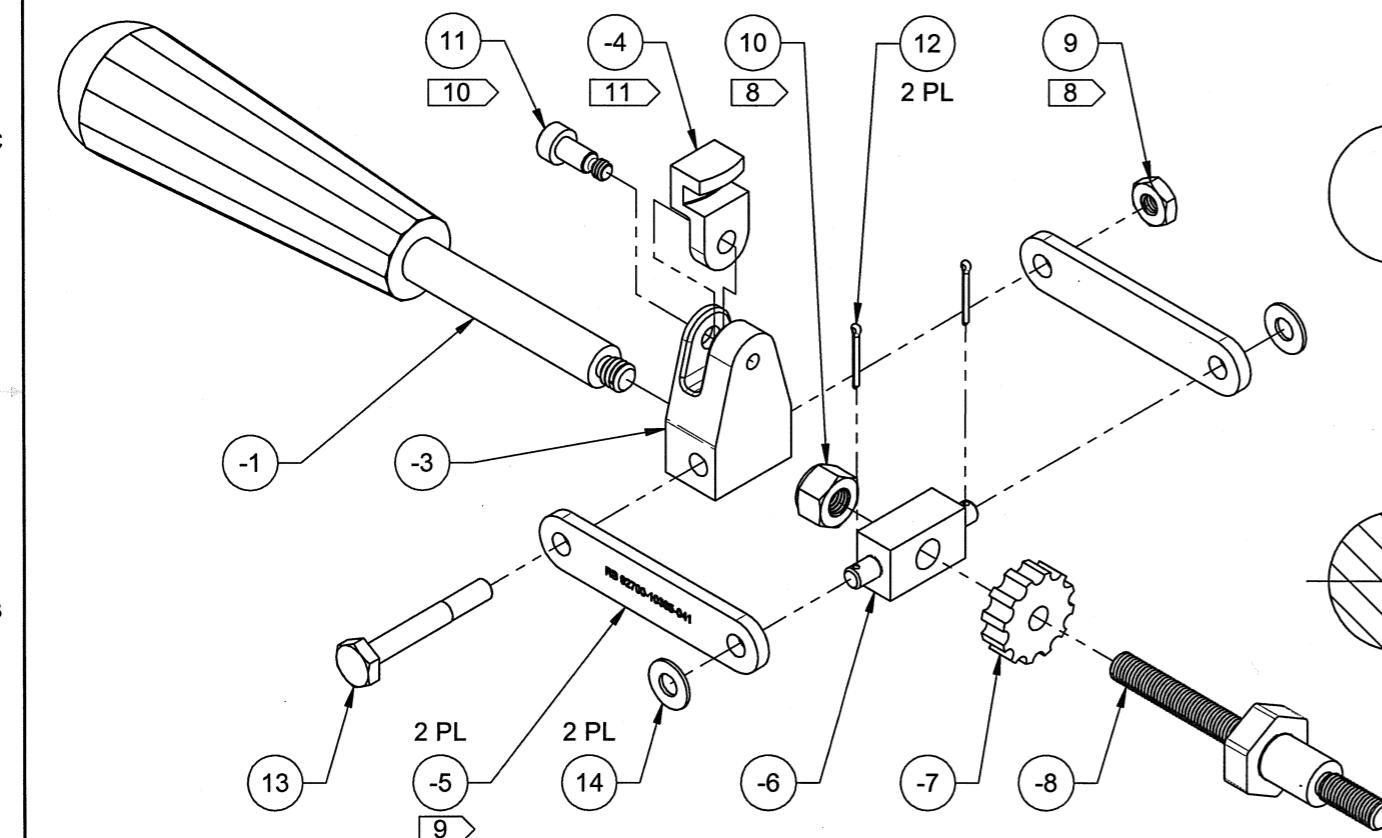
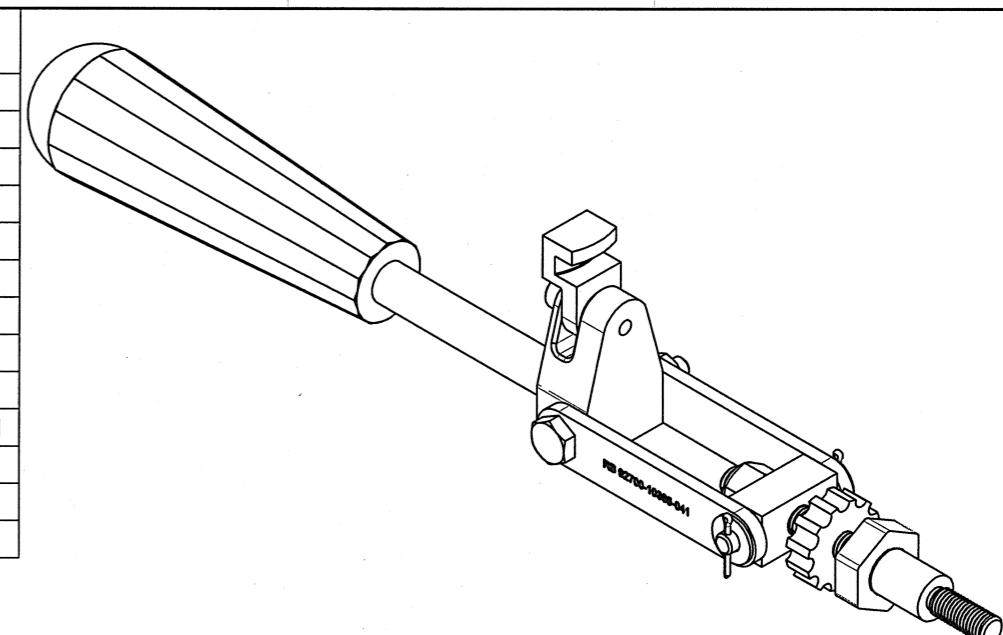


ITEM #	QTY	PART #	PART TITLE
-1	1	RB 92700-10385-041-1	HANDLE ASSY
-3	1	RB 92700-10385-041-3	BAR
-4	1	RB 92700-10385-041-4	HOOK
-5	2	RB 92700-10385-041-5	SIDE
-6	1	RB 92700-10385-041-6	PIVOT BAR
-7	1	RB 92700-10385-041-7	THUMB WHEEL
-8	1	RB 92700-10385-041-8	THREADED POST
9	1	McMaster#90480A195 OR EQUIV	ZINC PLATED STEEL HEX NUT #10-32 X 1/8" HEIGHT
10	1	McMaster#97135A215 OR EQUIV.	ZINC YELLOW PLATED GR.8 STEEL NYLON-INSERT LOCKNUT 1/4"-28 X 5/16" THK.
11	1	McMaster#91259A409 OR EQUIV	BLACK OXIDE STEEL SHOULDER SCREW #8-32 X 3/16" SHOULDER DIA. X 5/16" SHOULDER LENGTH
12	2	McMaster#98338A022 OR EQUIV.	STEEL COTTER PIN 3/64" DIA. X 1/2" LG.
13	1	AN3-13A	STEEL HEX HEAD BOLT #10-32 X 1-13/32" LG.
14	2	NAS1149F0332P	STEEL WASHER 0.203" ID. X 0.438" OD. X 0.032" THK.



**SECTION A-A**

**RB 92700-10385-041 PULLER ASSEMBLY**

12

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) TIGHTEN NUT UNTIL CONTACTS SURFACE, ENSURE 1-4 THREADS IN SAFETY
- 9) ITEM -5 MUST BE ABLE TO ROTATE FREELY
- 10) INSTALL ITEM 11 HAND TIGHT
- 11) ITEM -4 MUST ROTATE FREELY AROUND ITEM 11
- 12) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	NEW ISSUE	19-778	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	<b>DART AEROSPACE LTD</b>	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	REV. A	
MFG. APPR.	DP	TOOL PART #	RB 92700-10385-041
APPROVED	VJ	SHEET 1 OF 9	NTS
DATE 2019-06-21		TITLE PULLER ASSEMBLY	

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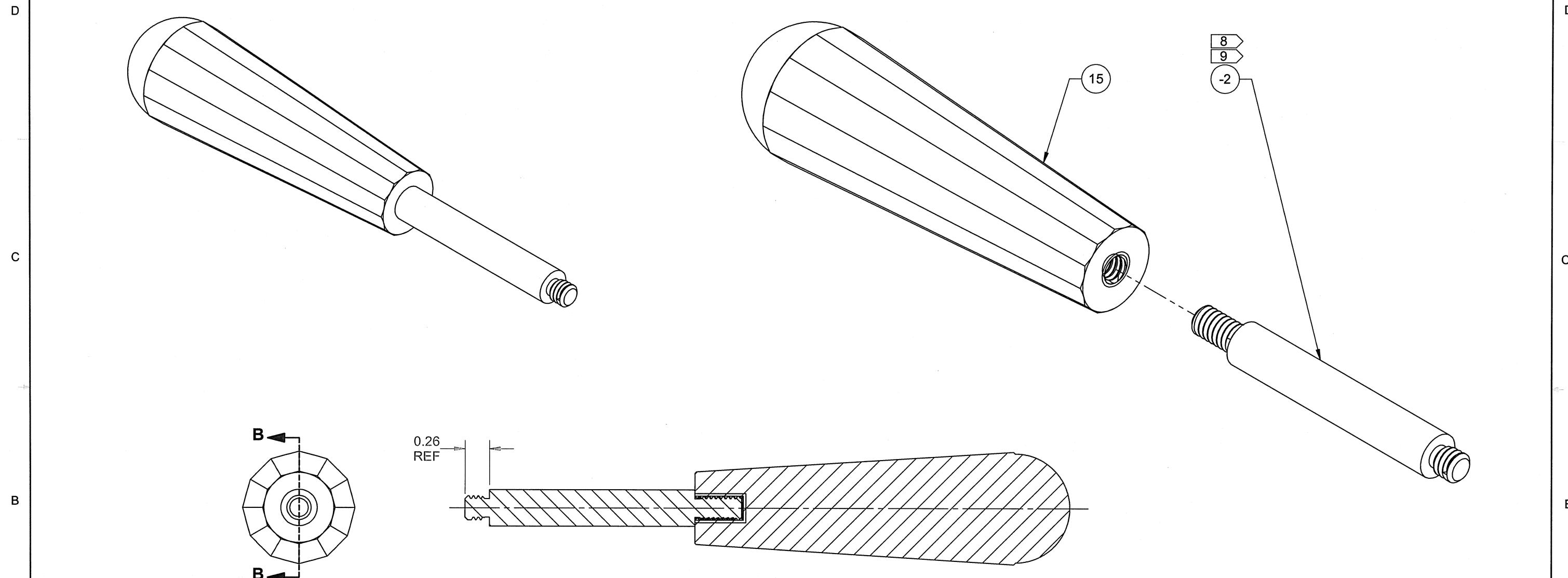
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ITEM #	QTY	PART #	PART TITLE
-2	1	RB 92700-10385-041-2	ROD
15	1	McMaster#57455K710 OR EQUIV.	PLASTIC HANDLE 1/4"-20 X 1/2" DEPTH. X 3-7/8" LG.



**RB 92700-10385-041-1 HANDLE ASSY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM -2 THEN ASSEMBLE WITH ITEM 15, AND REMOVE EXCESS
- 9) INSTALL ITEM -2 HAND TIGHT

DESIGN DRAWN	KPT KPT	<b>DART AEROSPACE LTD</b>	
CHECKED	JMH	HAWKESBURY, ONTARIO, CANADA	
MFG. APPR.	DP	TOOL PART #	REV. A
APPROVED	<i>[Signature]</i>	<b>RB 92700-10385-041</b>	SHEET 2 OF 9
DATE 2019-06-21		TITLE	SCALE NTS
<b>PULLER ASSEMBLY</b>			

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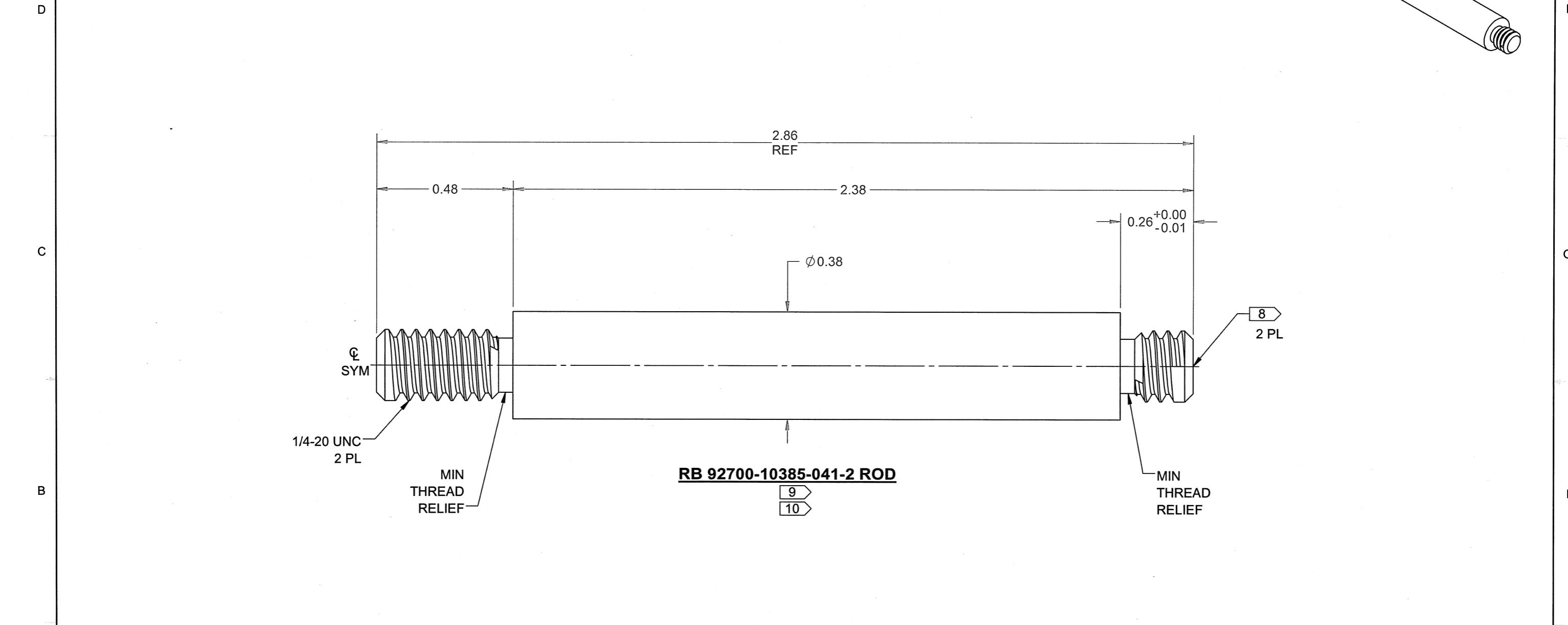
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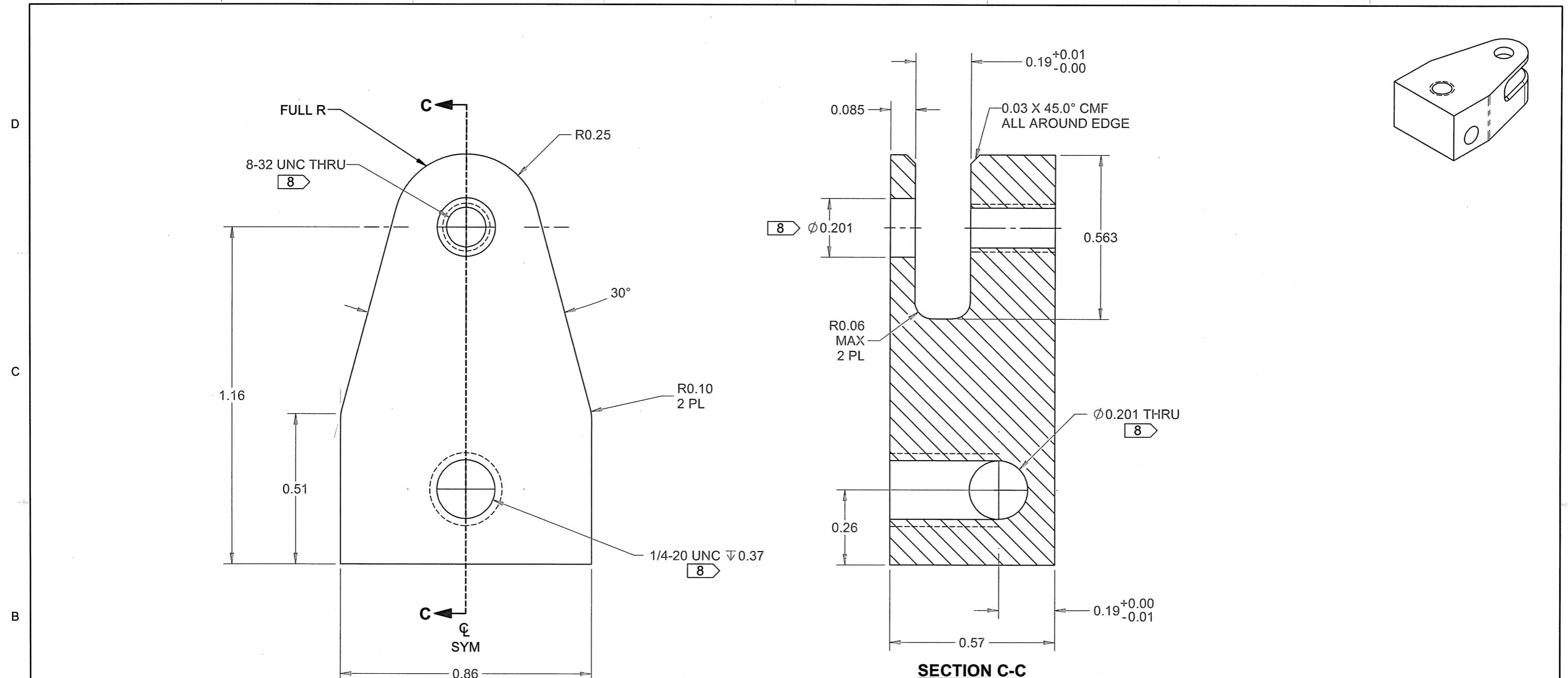
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CHECKED	JMH	TOOL PART #
MFG. APPR.	DP	RB 92700-10385-041
APPROVED	WJ	TITLE
		PULLER ASSEMBLY
DATE 2019-06-21		COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

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RB 92700-10385-041-3 BAR

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**SECTION C-C**

## NOTES

NOTES:

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.001"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) MASK HOLES PRIOR TO POWDERCOAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10385-041	SHEET 4 OF 9
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DATE	2019-06-21	PULLER ASSEMBLY	NTS

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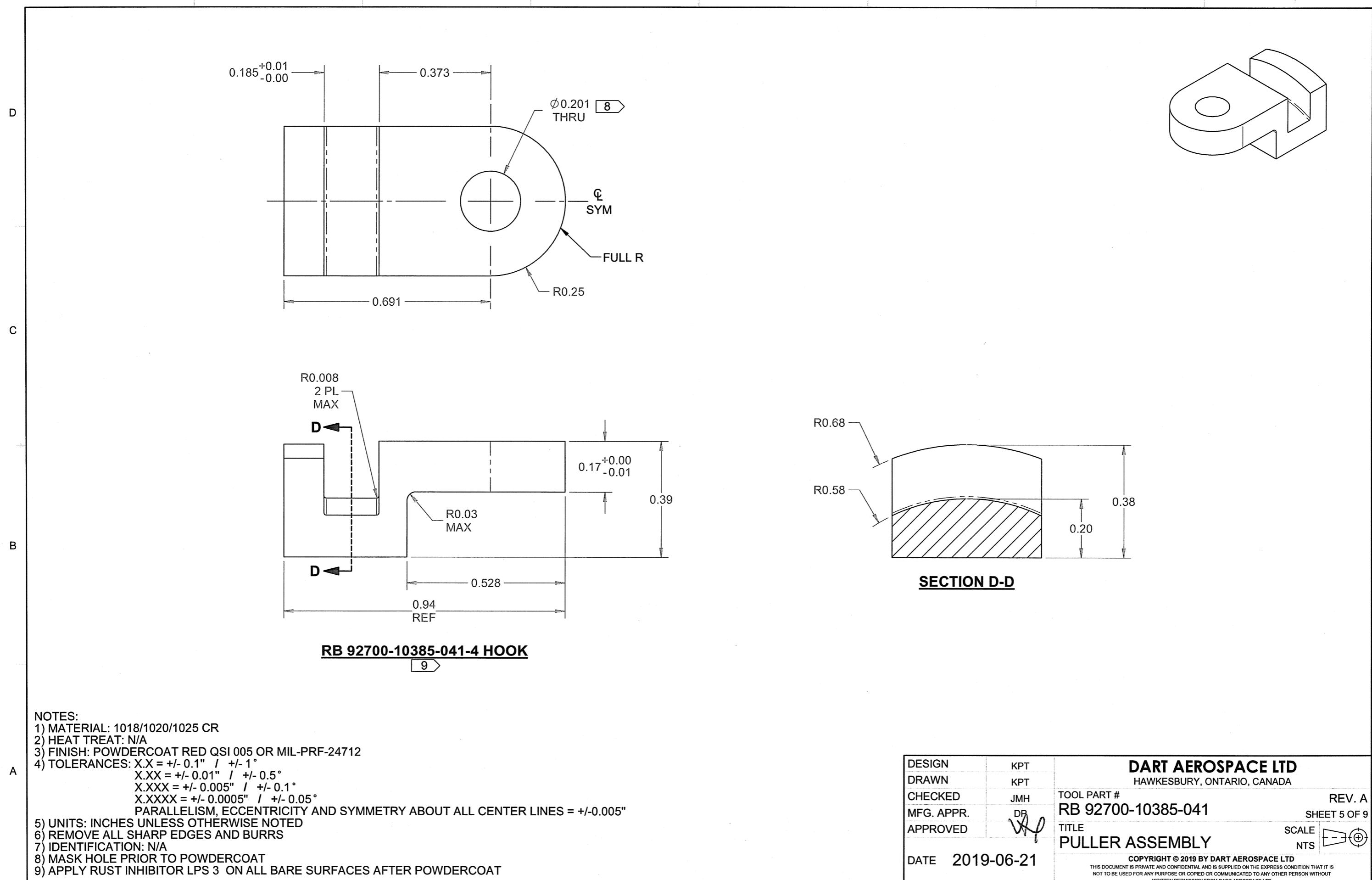
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DESIGN DRAWN	KPT KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	JMH	TOOL PART #
MFG. APPR.	DP	RB 92700-10385-041
APPROVED	<i>[Signature]</i>	REV. A

SHEET 5 OF 9

DATE 2019-06-21

TITLE PULLER ASSEMBLY

SCALE NTS

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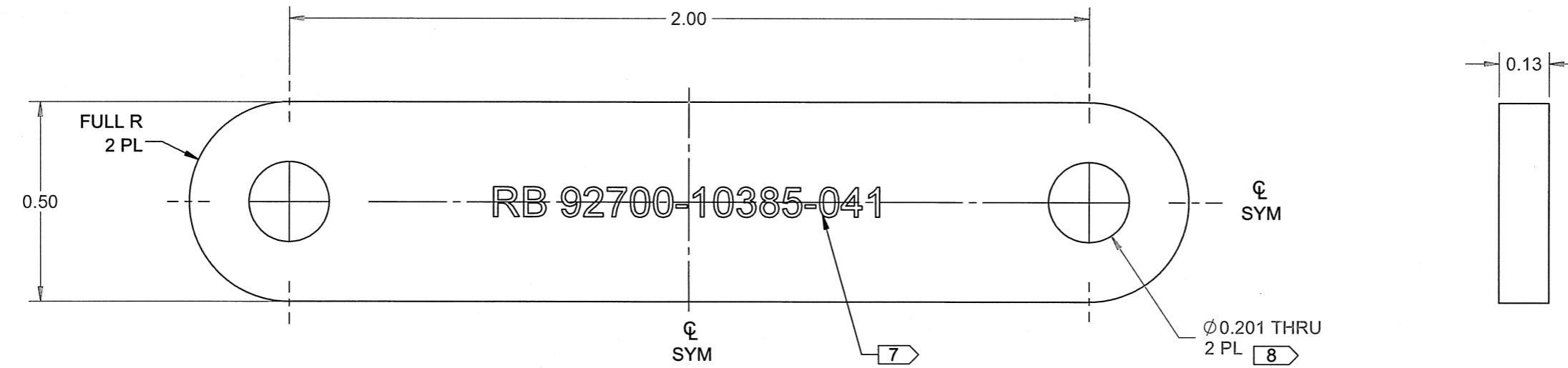
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RB 92700-10385-041-5 SIDE

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NOTES:

- 1) MATERIAL: 1018/1020/1025 CR
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN THEN FILL WITH BLACK INK
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN DRAWN	KPT KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	JMH	TOOL PART #
MFG. APPR.	DP	RB 92700-10385-041
APPROVED	WJ	REV. A
		SHEET 6 OF 9
		TITLE
		PULLER ASSEMBLY
		SCALE NTS
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DATE 2019-06-21

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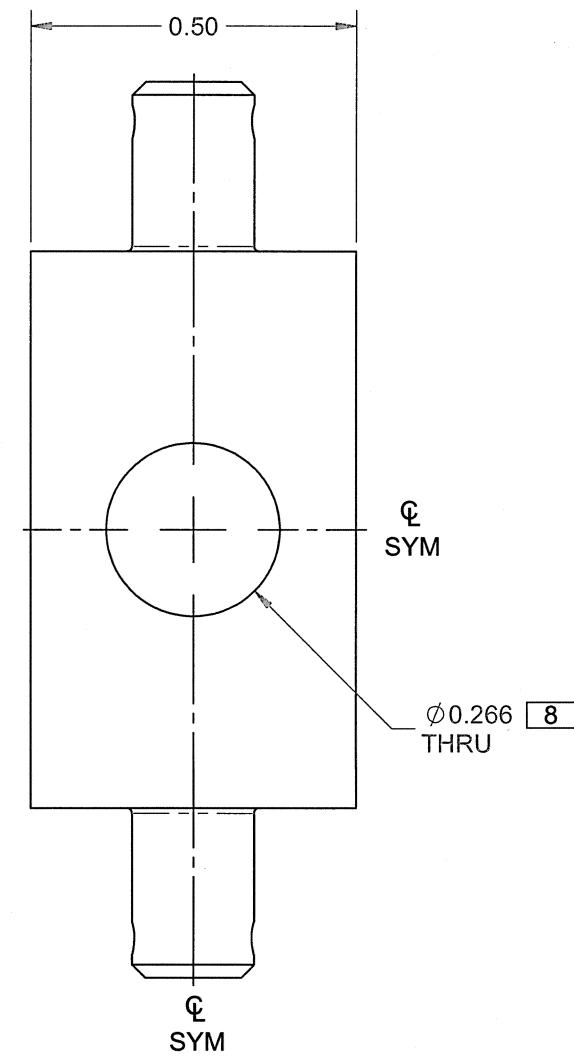
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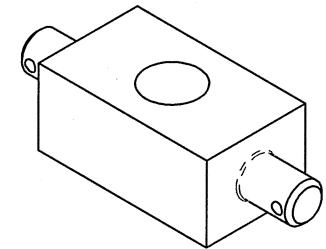
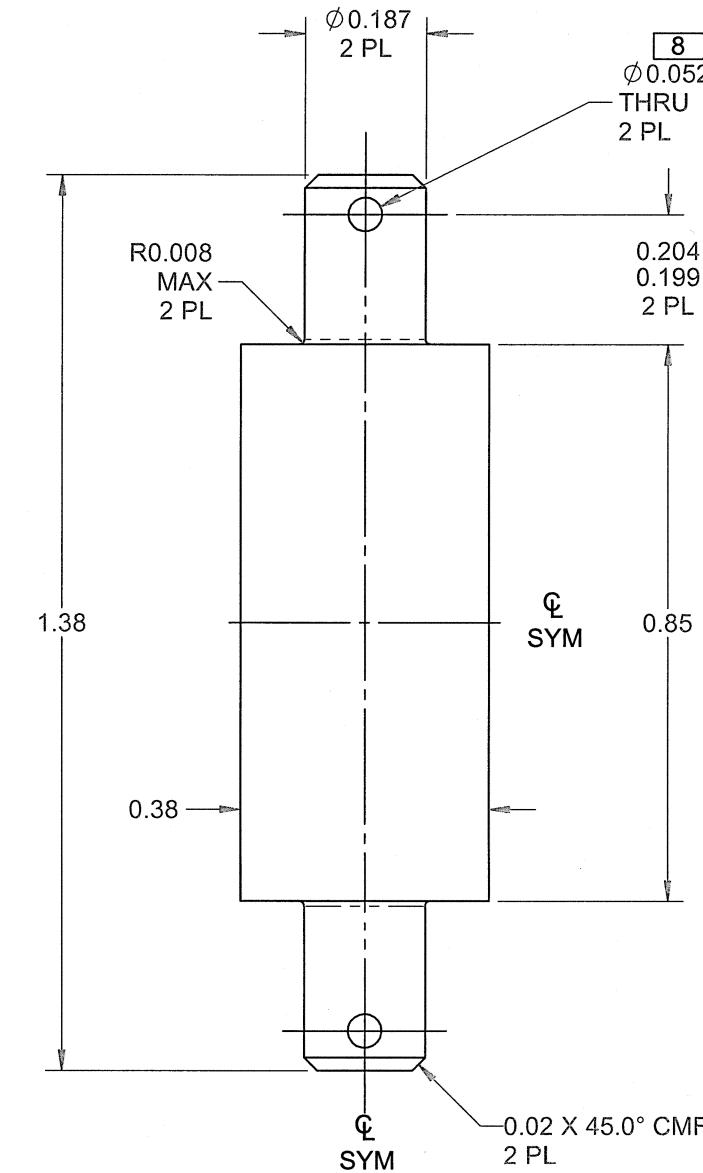
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**RB 92700-10385-041-6 PIVOT BAR**

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**NOTES:**

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT
DRAWN	KPT
CHECKED	JMH
MFG. APPR.	DP
APPROVED	WJ

DATE 2019-06-21

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

TOOL PART # **RB 92700-10385-041** REV. A  
TITLE **PULLER ASSEMBLY** SHEET 7 OF 9

SCALE NTS

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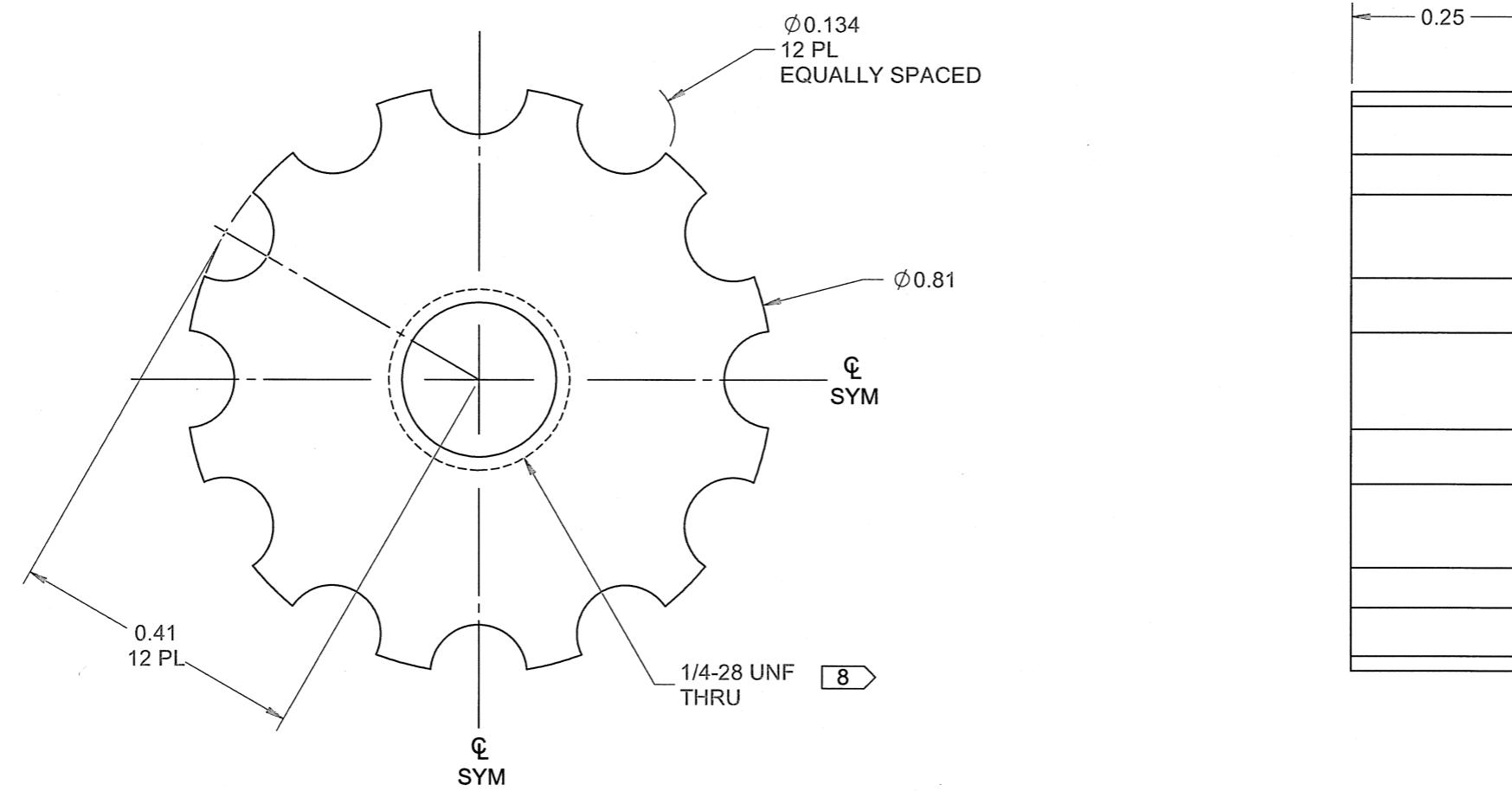
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RB 92700-10385-041-7 THUMB WHEEL

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NOTES:

- 1) MATERIAL: O1
- 2) HEAT TREAT: 48-52 Rc
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN DRAWN	KPT KPT	DART AEROSPACE LTD	
CHECKED	JMH	HAWKESBURY, ONTARIO, CANADA	
MFG. APPR.	DP	TOOL PART # RB 92700-10385-041	
APPROVED	WJ	REV. A	
DATE 2019-06-21		SHEET 8 OF 9	
TITLE PULLER ASSEMBLY			
SCALE NTS			

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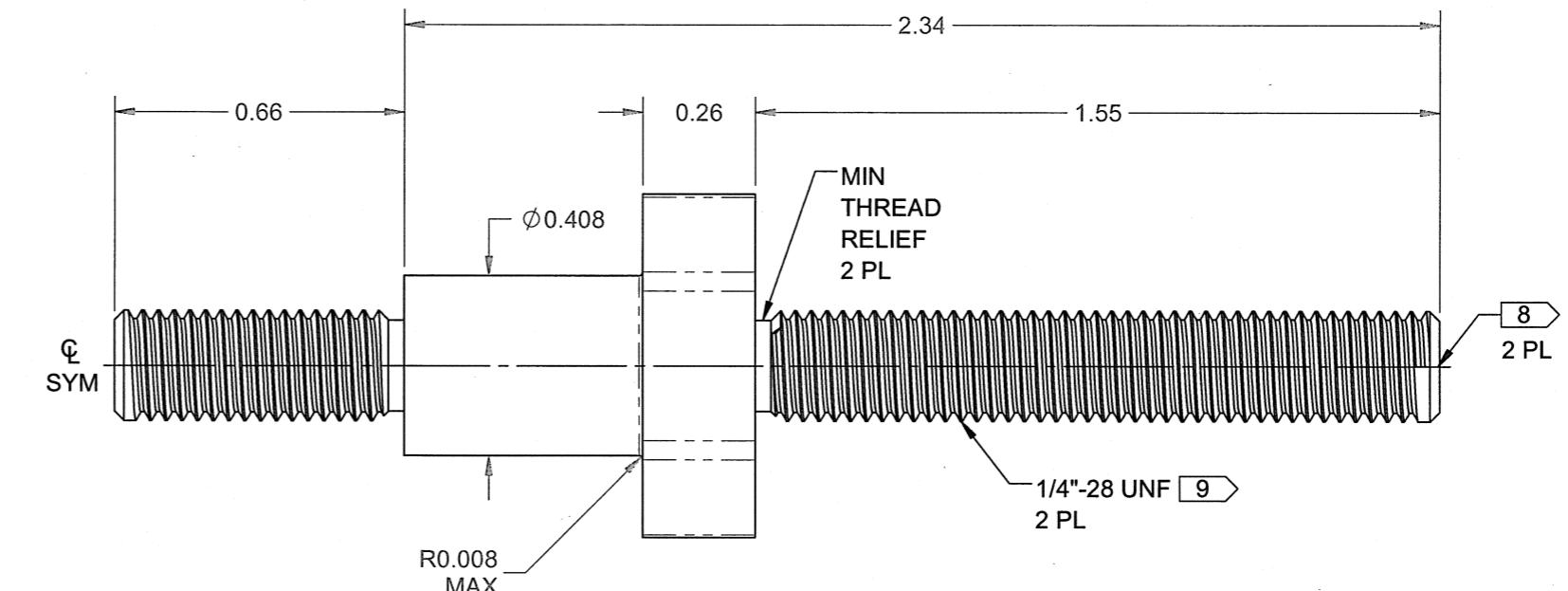
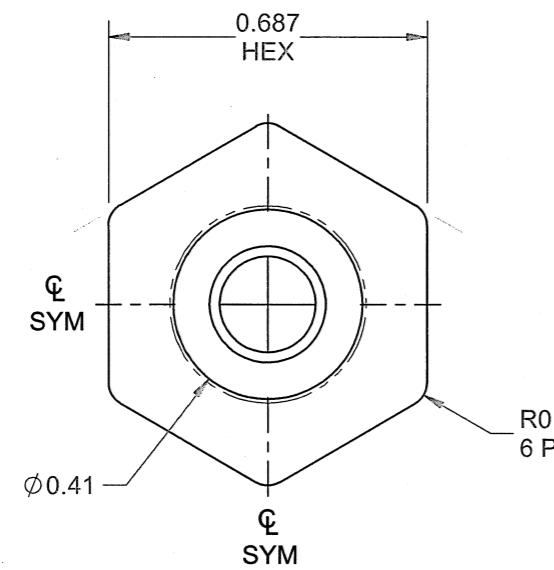
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### RB 92700-10385-041-8 THREADED POST

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#### NOTES:

1) MATERIAL: 4140 (28-32 RC)

2) HEAT TREAT: N/A

3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: N/A

8) CENTER DRILL IS ACCEPTABLE

9) MASK THREADS PRIOR TO POWDER COAT

10) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT	DART AEROSPACE LTD
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA
CHECKED	JMH	
MFG. APPR.	DP	REV. A
APPROVED	VW	TOOL PART #
		RB 92700-10385-041
		SHEET 9 OF 9
		TITLE
		PULLER ASSEMBLY
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